

Title (en)

Anti-corrosion body and protection system for an internal wall of a furnace

Title (de)

Korrosionsschutzkörper und Schutzsystem für eine Ofeninnenwand

Title (fr)

Corps de protection contre la corrosion et système de protection pour une paroi interne de four

Publication

**EP 2383532 B1 20160511 (DE)**

Application

**EP 11159830 A 20110325**

Priority

DE 102010018648 A 20100428

Abstract (en)

[origin: EP2383532A2] The body (1) has a front side (1a) turned towards an inner area of a furnace, rear side (1b) and edge sides (1c, 1d, 1e, 1f) connecting the front side with the rear side. A base body (2) is made of ceramic material e.g. recrystallized silicon carbide or nitride and oxy-nitride bonded silicon carbide, and a front-sided plate (3) made of another ceramic material e.g. siliconized silicon carbide, sintered silicon carbide or hot isostatic pressed silicon carbide, is arranged at a front side of the base body. The latter ceramic material has porosity lower than that of the former ceramic material.

IPC 8 full level

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CPC (source: EP)

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Cited by

KR20170086474A; AU2015326919B2; US10495304B2; WO2016050830A1

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DOCDB simple family (publication)

**DE 202010011142 U1 20101028**; DE 102010018648 A1 20111103; EP 2383532 A2 20111102; EP 2383532 A3 20141029; EP 2383532 B1 20160511

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